**Blueprint Rubric**

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| --- | --- | --- | --- |
| Room | Number Required | Number in Design | Requirement Met? |
| Classrooms | 15-25 |  |  |
| Labs | 3-6 |  |  |
| Auditorium | 1-2 |  |  |
| Bathrooms | 1 per floor |  |  |
| Main Office |  |  |  |
| Stairwells/Elevators | 1—4 |  |  |
| Hallways | Path to get between rooms |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Category | 4 | 3 | 2 | 1 |
| Required Rooms and Hallways | All required rooms are present in the building design. Several key rooms present in schools are incorporated into design. | All required rooms are present in the building design. | Most required rooms are present in the building design. | Few required rooms are present in building design. |
| Realistic Dimensions/Floor Continuity | Room measurements are realistic and purposeful in design.  Blueprint, wall lengths, stairwells and other features match between multiple floors. | Room measurements are realistic and purposeful in design.  Blueprint, wall lengths, stairwells and other features match between multiple floors. | Most room measurements are realistic and purposeful in design, though some appear out of proportion.  Most features match between floors, but there are a few inconsistencies. | Many room measurements are unrealistic or out of proportion.  Few features match between different floors – several inconsistencies are present. |
| Neatness, Organization | Blueprint professionally finished. Consistent color scheme, font, structure, design. Evident that great care, focus, and craftsmanship was put into final product. | Blueprint professionally finished. Consistent color scheme, font, structure, design. | Blueprint mostly professionally finished however there are inconsistencies in color scheme, font, structure, and design. | Blueprint not professionally finished, unappealing to the eye. |
| Labeled/  Legend/  Measurements | All rooms are clearly labeled, or labeled through a legend.  All lengths within floor plan are measured. | All rooms are clearly labeled, or labeled through a legend.  All lengths within floor plan are measured. | Most rooms are labeled on blueprint or through legend.  Most lengths within floor plan are measured. | Few rooms are labeled.  Few lengths are measured. |
| Process – Rough Drafts and Feedback | Student created a rough draft on paper and pencil  Student successfully incorporated feedback from multiple sources into revisions. | Student created a rough draft on paper and pencil  Student successfully incorporated feedback from peers, teachers, into revision | Student created a rough draft on paper and pencil  Student incorporated little feedback in revisions. | Student did not make a rough draft.  Student incorporated no feedback into revisions. |
| Overall Grade – Blueprints | | | | |

**Brainstorm– And Scale Thinking**

Realistic Brainstorming

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Room | Length | Width | Area | Sketched on graph below? |
| Classroom |  |  |  |  |
| Hallway |  |  |  |  |
| Hub |  |  |  |  |
| Window |  |  |  |  |
|  |  |  |  |  |
| Other things to keep in context  Height of ceiling = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Other Notes | | | |  |

